

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	
		<b>FILING DATE:</b> June 5, 2001	<b>GROUP:</b> 1626

  

<b>U.S. PATENT DOCUMENTS</b>					
Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
40	6,090,601	Gustafsson	July 18, 2000	435	183
	6,096,757	Bishop	August 1, 2000	514	290
	6,117,659	Ashley	September 12, 2000	435	155
	6,121,029	Schupp	September 19, 2000	435	183
	6,211,412	Georg	April 3, 2001	568	309
	6,221,641	Khosla	April 24, 2001	435	193
	6,251,636	Betlach	June 26, 2001	435	76
	6,262,107	Li	July 17, 2001	514	449
	6,280,999	Gustafsson	August 28, 2001	435	252.3
	6,407,103	Nugiel et al.	June 18, 2002	514	232.8
	6,489,314	Ashley et al.	December 3, 2002	514	183
	6,498,257	Vite et al.	December 24, 2002	548	205
	6,515,017	Li et al.	February 4, 2003	514	449
	6,518,421	Li et al.	February 11, 2003	540	462
	6,525,197	Furstner et al.	February 25, 2003	544	310
	6,531,497	Nicolaou et al.	March 11, 2003	514	370
	6,537,988	Lee	March 25, 2003	514	221
	6,538,038	Pero et al.	March 25, 2003	514	731
	6,544,544	Hunter et al.	April 8, 2003	424	424
	6,576,651	Bandyopadhyay et al.	June 10, 2003	514	365
	6,593,115	Vite et al.	July 15, 2003	435	134
	6,596,875	White et al.	July 22, 2003	548	204
	6,603,015	Georg et al.	August 5, 2003	548	203
	6,603,023	Danishefsky et al.	August 5, 2003	549	346
	6,605,599	Vite et al.	August 12, 2003	514	63
	6,605,726	Mulzer et al.	August 12, 2003	548	202

<b>FORM PTO-1449</b> <b>(REV. 8-83)</b>		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET: 2003080-0082 (SK-744-CON3)		IN RE APPLICATION NO.: 09/874,514	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				APPLICANT: Danishefsky, <i>et al</i>			
				FILING DATE: June 5, 2001		GROUP:	
	6,610,736	Klar et al.	August 26, 2003	514	450		
	6,613,912	Hoefle et al.	September 2, 2003	548	204		
<b>U.S. PATENT APPLICATIONS</b>							
Examiner's Initials:	Serial Number:	Applicant:	Publication Date:	Group:	Art Unit:		
YD	2002/0086812	Schweinfest et al.	July 4, 2002				
	2002/0091269	Avery	July 11, 2002				
	2002/0094991	Gallaher	July 18, 2002				
	2002/0115686	Hoogevest	August 22, 2002				
	2002/0119202	Hunter et al.	August 29, 2002				
	2002/0137152	Santi et al.	September 26, 2002				
	2002/0147197	Newman et al.	October 10, 2002				
	2002/0156110	Arslanian et al.	October 24, 2002				
	2002/0156289	Georg et al.	October 24, 2002				
	2002/0164377	Hunter et al.	November 7, 2002				
	2002/0165258	Lee	November 7, 2002				
	2002/0165256	Hofmann et al.	November 7, 2002				
	2002/0165257	Lee	November 7, 2002				
	2002/0165265	Hunter et al.	November 7, 2002				
	2002/0165415	Georg et al.	November 7, 2002				
	2002/0169125	Leung et al.	November 14, 2002				
	2002/0169135	Pardee et al.	November 14, 2002				
	2002/0169190	Bandyopadhyay et al.	November 14, 2002				
	2002/0177615	Bandyopadhyay et al.	November 28, 2002				
	2002/0192778	Schupp et al.	December 19, 2002				
2002/0193361	Ashley et al.	December 19, 2002					
2002/0197261	Li et al.	December 26, 2002					
2002/0198141	McChesney et al.	December 26, 2002					
2003/0105330	Danishefsky et al.	June 5, 2003					
2003/0109500	Pero et al.	June 12, 2003					

<b>FORM PTO-1449</b> <b>(REV. 8-83)</b>		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET: 2003080-0082 (SK-744-CON3)		IN RE APPLICATION NO.: 09/874,514	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				APPLICANT: Danishefsky, <i>et al</i>			
				FILING DATE: June 5, 2001		GROUP:	
✓ 10	2003/0166507	Li et al.	September 4, 2003				
	2003/0158412	Westermann et al.	August 21, 2003				
	2003/0149281	Westermann et al.	August 7, 2003				
	2003/0147807	Li et al.	August 7, 2003				
	2003/0144533	Iwasaki et al.	July 31, 2003				
	2003/0144523	Klar et al.	July 31, 2003				
	2003/0139460	Schwede et al.	July 24, 2003				
	2003/0134883	Myles et al.	July 17, 2003				
	2003/0130178	Li et al.	July 10, 2003				
	2003/0130170	Li et al.	July 10, 2003				
	2003/0124055	Li et al.	July 3, 2003				
	2003/0125362	Danishefsky	July 3, 2003				
	2003/0113335	Li et al.	June 19, 2003				
	2003/0114363	Li et al.	July 3, 2003				
	2003/0114450	Santi et al.	June 19, 2003				
	2003/0114504	Webster et al.	June 19, 2003				
	2003/0114518	Li et al.	June 19, 2003				
	2003/0096381	Julien et al.	May 22, 2003				
	2003/0087888	Regueiro-Ren et al.	May 8, 2003				
	2003/0073677	Lee	April 17, 2003				
	2003/0073617	Li et al.	April 17, 2003				
	2003/0073615	Li et al.	April 17, 2003				
	2003/0073205	Arslanian et al.	April 17, 2003				
	2003/0069277	Danishefsky et al.	April 10, 2003				
2003/0060623	Vite et al.	March 27, 2003					
2003/0054977	Kumar et al.	March 20, 2003					
2003/0049841	Short et al.	March 13, 2003					
2003/0045711	Ashley et al.	March 6, 2003					
2003/0036515	Pardee et al.	February 20, 2003					
✓	2003/0036177	Strohhacker	February 20, 2003				

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>		U.S. Department of Commerce Patent and Trademark Office		<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)		<b>IN RE APPLICATION</b> NO.: 09/874,514	
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				<b>APPLICANT:</b> Danishefsky, <i>et al</i>			
				<b>FILING DATE:</b> June 5, 2001		<b>GROUP:</b>	
YD	2003/0023082	Ashley et al.	January 30, 2003				
↓	2003/0004338	Li et al.	January 2, 2003				
↓	2003/0004209	Hunter et al.	January 2, 2003				
↓	2003/0003094	Hunter et al.	January 2, 2003				
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner's Initials	Document No.	Country	Date	Translation			
				Yes	No		
YD	DE 41 38 042	Germany	19 November 1991				
↓	DE 41 38 042	Germany	19 November 1991				
↓	DE 196 07 702	Germany	29 February 1996				
↓	DE 196 36 343	Germany	30 August 1996				
↓	DE 196 38 870	Germany	23 September 1996				
↓	DE 196 47 580.5	Germany	18 November 1996				
↓	DE 197 01 758	Germany	20 January 1997				
↓	DE 197 07 506.1	Germany	25 February 1997				
↓	DE 197 13 970	Germany	04 April 1997				
↓	DE 197 20 312	Germany	15 May 1997				
↓	DE 197 26 627	Germany	17 June 1997				
↓	DE 197 35 574	Germany	09 August 1997				
↓	DE 197 35 575	Germany	09 August 1997				
↓	DE 197 35 578	Germany	09 August 1997				
↓	DE 197 44 135	Germany	29 September 1997				
↓	DE 197 49 717	Germany	31 October 1997				
↓	DE 197 51 200	Germany	13 November 1997				
↓	DE 198 13 821	Germany	20 March 1998				
↓	DE 198 21 954	Germany	15 May 1998				
↓	DE 198 33 750	Germany	16 July 1998				
↓	DE 198 46 493	Germany	09 October 1998				
↓	DE 198 30 060	Germany	30 June 1998				

<b>FORM PTO-1449</b> <b>(REV. 8-83)</b>		U.S. Department of Commerce Patent and Trademark Office		<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)		<b>IN RE</b> <b>APPLICATION</b> <b>NO.:</b> 09/874,514	
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				APPLICANT: Danishefsky, <i>et al</i>			
				FILING DATE: June 5, 2001		GROUP:	
✓	DE 198 49 464	Germany	21 October 1998				
	DE 199 07 588	Germany	22 February 22, 1999				
	DE 199 08 763	Germany	18 February 1999				
	DE 199 08 765	Germany	18 February 1999				
	DE 199 21 086	Germany	30 April 1999				
	DE 199 23 001	Germany	13 May 1999				
	DE 199 30 111	Germany	01 July 1999				
	DE 199 54 228	Germany	04 November 1999				
	DE 199 54 230	Germany	04 November 1999				
	DE 100 51 136	Germany	16 October 2000				
	DE 100 15 836	Germany	27 March 2000				
	DE 100 20 517	Germany	19 April 2000				
	DE 100 20 899	Germany	20 April 2000				
	EP 1 275 648	Europe	15 January 2003				
	EP 1 201 666	Europe	02 May 2002				
	EP 1 201 666	Europe	05 February 2002				
	EP 1 186 606	Europe	13 March 2002				
	EP 1 121 364	Europe	13 March 2002				
	EP 1 077 980	Europe	19 March 2003				
	EP 1 001 951	Europe	25 September 2002				
	EP 0 975 638	Europe	07 August 2002				
	EP 0 975 622	Europe	09 October 2002				
✗	<del>EP 0 903 348</del>	<del>Europe</del>					
✓	199 08 760	DE	24 August 2000				
	199 08 767	DE	19 October 2000				
	WO 03/070170	PCT	13 February 2002				
	WO 03/057830	PCT	17 December 2002				
	WO 03/057217	PCT	13 January 2003				
	WO 03/053949	PCT	23 December 2002				
✓	WO 03/049734	PCT	19 June 2003				

*Do Publication Date*

<b>FORM PTO-1449</b>		U.S. Department of Commerce		ATTY. DOCKET:		IN RE	
<b>(REV. 8-83)</b>		Patent and Trademark Office		2003080-0082		APPLICATION	
				(SK-744-CON3)		NO.:	
						09/874,514	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				APPLICANT: Danishefsky, <i>et al</i>			
				FILING DATE:		GROUP:	
				June 5, 2001			
40 ↓ ✓	WO 03/045324	PCT	05 June 2003				
	WO 03/042217	PCT	22 May 2003				
	WO 03/029260	PCT	10 April 2003				
	WO 03/029195	PCT	10 April 2003				
	WO 03/026744	PCT	03 April 2003				
	WO 03/018002	PCT	06 March 2003				
	WO 03/014068	PCT	20 February 2003				
	WO 03/014063	PCT	20 February 2003				
	WO 03/007924	PCT	30 January 2003				
	WO 02/46196	PCT	13 June 2002				
	WO 02/42432	PCT	30 May 2002				
	WO 02/32844	PCT	16 October 2001				
	WO 02/30356	PCT	15 October 2001				
	WO 02/098868	PCT	14 May 2002				
	WO 02/080846	PCT	17 October 2002				
	WO 02/074042	PCT	26 September 2002				
	WO 02/072858	PCT	27 February 2002				
	WO 02/072085	PCT	19 September 2002				
	WO 02/067941	PCT	06 September 2002				
	WO 02/066038	PCT	06 February 2002				
	WO 02/066033	PCT	29 August 2002				
	WO 02/062338	PCT	15 August 2002				
	WO 02/060904	PCT	08 August 2002				
	WO 02/058701	PCT	01 August 2002				
	WO 02/058700	PCT	01 August 2002				
	WO 02/058699	PCT	01 August 2002				
	WO 01/81342	PCT	19 April 2001				
	WO 01/81341	PCT	19 April 2001				
WO 01/73103	PCT	23 March 2001					
WO 01/70716	PCT	12 March 2001					

<b>FORM PTO-1449</b> <b>(REV. 8-83)</b>		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET: 2003080-0082 (SK-744-CON3)		IN RE APPLICATION NO.: 09/874,514	
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				APPLICANT: Danishefsky, <i>et al</i>			
				FILING DATE: June 5, 2001		GROUP:	
40	WO 01/66154	PCT	09 March 2001				
	WO 01/64650	PCT	01 March 2001				
	WO 01/27308	PCT	06 October 2000				
	WO 01/10412	PCT	02 August 2000				
	WO 01/92255	PCT	06 December 2001				
	WO 01/83800	PCT	08 November 2001				
	WO 01/07439	PCT	24 July 2000				
	WO 00/71521	PCT	15 May 2000				
	WO 00/66589	PCT	01 May 2000				
	WO 00/58254	PCT	23 March 2000				
	WO 00/57874	PCT	20 March 2000				
	WO 00/50423	PCT	17 February 2000				
	WO 00/49021	PCT	18 February 2000				
	WO 00/49020	PCT	18 February 2000				
	WO 00/49019	PCT	18 February 2000				
	WO 00/047584	PCT	11 February 2000				
	WO 00/39276	PCT	21 December 1999				
	WO 00/37473	PCT	20 December 1999				
	WO 00/31247	PCT	19 November 1999				
	WO 00/00485	PCT	30 June 1999				
	WO 99/67253	PCT	21 June 1999				
	WO 99/67252	PCT	21 June 1999				
	WO 99/66028	PCT	16 June 1999				
	WO 99/65913	PCT	18 June 1999				
	WO 99/59985	PCT	14 May 1999				
	WO 99/58534	PCT	07 May 1999				
	WO 99/54330	PCT	14 April 1999				
	WO 99/54319	PCT	05 April 1999				
	WO 99/54318	PCT	05 April 1999				
✓	WO 99/43653	PCT	24 February 1999				

FORM PTO-1449 (REV. 8-83)		U.S. Department of Commerce Patent and Trademark Office		ATTY. DOCKET: 2003080-0082 (SK-744-CON3)		IN RE APPLICATION NO.: 09/874,514	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT: Danishefsky, <i>et al</i>			
				FILING DATE: June 5, 2001		GROUP:	
40 ↓ ✓	WO 99/43320	PCT	23 February 1999				
	WO 99/42602	PCT	17 February 1999				
	WO 99/39694	PCT	03 February 1999				
	WO 98/54966	PCT	04 June 1998				
	WO 98/47891	PCT					
	WO 98/25929	PCT	18 June 1998				
Examiner's Initials		Citation (Including Author, Title, Date, Pertinent Pages, Etc.)					
40 ↓ ✓		Ahmed, et al., Total Synthesis of the Microtubule Stabilizing Antitumor Agent Laulimalide and Some Nonnatural Analogues: The Power of Sharpless' Asymmetric Epoxidation <i>J. Org. Chem.</i> , <b>68</b> : 3026-3042, 2003. ✓					
		Altmann, et al., Epothilones and Related Structures – a new class of microtubule inhibitors with potent in vivo antitumor activity <i>Elsevier Biochimica et Biophysica Acta</i> , 2000. ✓					
		Altmann, et al., "Epothilones and Their Analogs-Potential New Weapons in the Fight Against Cancer", <i>Chimia</i> , <b>54</b> : 612-621, 2000. ✓					
		Altmann, et al., "Synthesis and Biological Evaluation of Highly Potent Analogues of Epothilones B and D. <i>Bioorg. Med. Chem. Lett.</i> , <b>10</b> (24): 2765-2768, 2000. ✓					
		Altmann, et al., "Epothilones and Related Structures-A New Class of Microtubule Inhibitors with Potent in vivo Antitumor Activity" <i>Biochim. Biophys. Acta.</i> , <b>1470</b> (3): M79-M91, 2000. ✓					
		Altmann, et al., "Synthetic and Semisynthetic Analogs of Epothilones: Chemistry and Biological Activity" <i>Book of Abstracts, 219<sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, ORGN-287, 1999.</i> ✓					
		Altmann, et al., "Synthesis and Biological Evaluation of Aza-Epothilones" <i>ChemBioChem (Angew. Chem. Int. Ed. Engl.)</i> , <b>1</b> (1)/39(3): 67-70, 2000. ✓					
		Altmann, et al., "Microtubule-Stabilizing Agents: A Growing Class of Important Anticancer Drugs" <i>Curr. Opin. Chem. Biol.</i> , <b>5</b> (4): 424-431, 2001. ✓					
		Appendino, et al., "The Synthesis of Epothilones: Highlights from a Year's Race", <i>Chemtracts</i> , <b>11</b> (9): 678-696, 1998. ✓					
		Arslanian, et al., "A New Cytotoxic Epothilone from Modified Polyketide Synthases Heterologously Expressed in <i>Myxococcus xanthus</i> " <i>J. Nat. Prod.</i> , <b>65</b> : 1061-1064, 2002. ✓					
		Avila, et al., "The Use of Microtubule Poisons on Tumor Cells", <i>Cancer J.</i> <b>10</b> (6): 315-318, 1997. ✓					
		Awada, et al., New Cytotoxic Agents and Molecular-Targeted Therapies in the Treatment of					



<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2003080-0082 (SK-744-CON3)	IN RE APPLICATION NO.: 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		APPLICANT: Danishefsky, <i>et al</i> FILING DATE: June 5, 2001 GROUP:	
40	Metastatic Breast Cancer Review, 4-15, 2002. ✓		
40	Baik, et al., Diastereoselective Cobalt-Catalyzed Aldol and Michael Cycloreductions, <i>J. Am. Chem. Soc.</i> , <b>123</b> : 5112-5113, 2001. ✓		
	Balog, et al., "A Novel Aldol Condensation with 2-Methyl-4-Pentenal and Its Application to an Improved Total Synthesis of Epothilone B", <i>Angew. Chem. Int. Ed.</i> <b>37</b> (19): 2675-2678, 1998. ✓		
	Balog, et al., "Total Synthesis of Epothilone A", <i>Angew. Chem. Int. Ed.</i> <b>61</b> : 2801-2803, 1996. ✓		
	Bellemin-Laponnaz, et al., "The Kinetic Resolution of Allylic Alcohols by a Non-Enzymatic Acylation Catalyst: Application to Natural Product Synthesis" <i>Chem. Commun.</i> , <b>12</b> : 1009-1010, 2000. ✓		
	Bertinato, et al., "Studies Toward a Synthesis of Epothilone A: Stereocontrolled Assembly of the Acyl Region and Models for Macrocyclization", <i>J. Org. Chem.</i> <b>61</b> : 8000-8001, 1996. ✓		
	Beyer, et al., "Metabolic Diversity in Myxobacteria. ...." <i>Biochim. Biophys. Acta</i> , <b>1445</b> (2): 185-195, 1999. ✓		
	Biswas, et al., Highly Concise Routes to Epothilones: The Total Synthesis and Evaluation of Epothilone 490, <i>J. Am. Chem. Soc.</i> , <b>124</b> : 9825-9832, 2002. ✓		
	Blum, et al., "In vivo Metabolism of Epothilone B in Tumor-Bearing Nude Mice: Identification of Three New Epothilone B Metabolites by Capillary High-Pressure Liquid Chromatography/Mass Spectrometry/Tandem Mass Spectrometry" <i>Rapid Commun. Mass Spectrom.</i> , <b>15</b> (1): 41-49, 2001. ✓		
	Bocci, et al., Protracted Low-Dose Effects on Human Endothelial Cell Proliferation and Survival in Vitro Reveal a Selective Antiangiogenic Window for Various Chemotherapeutic Drugs <i>Cancer Research</i> , <b>62</b> : 6938-6943, 2002. ✓		
	Boddy, et al., Epothilone C. Macrolactonization and Hydrolysis Are Catalyzed by the Isolated Thioesterase Domain of Epothilone Polyketide Synthase, <i>J. Am. Chem. Soc.</i> , <b>125</b> : 3428-3429, 2002. ✓		
	Bode, et al., "Stereoselective Syntheses of Epothilones A and B via Directed Nitrile Oxide Cycloaddition" <i>J. Am. Chem. Soc.</i> , <b>123</b> (15): 3611-3612, 2001. ✓		
	Bode, et al., Stereoselective Syntheses of Epothilones A and B via Nitrile Oxide Cycloadditions and Related Studies" <i>J. Org. Chem.</i> , <b>66</b> (19): 6410-6424, 2001. ✓		
	Bornscheuer, et al., "Directed Evolution of an Esterase for the Stereoselective Resolution of a Key Intermediate in the Synthesis of Epothilones", <i>Biotechnol. Bioeng.</i> , <b>58</b> (5): 554-559, 1998. ✓		
	Borzilleri, et al., "A Novel Application of a Pd(0)-Catalyzed Nucleophilic Substitution Reaction to the Regio and Stereoselective Synthesis of Lactam Analogues of the Epothilone Natural Products" <i>J. Am. Chem. Soc.</i> , <b>122</b> (37): 8890-8897, 2000. ✓		
	Broker, et al., Late Activation of Apoptotic Pathways Plays a Negligible Role in Mediating the		

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce  Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	
		<b>FILING DATE:</b> June 5, 2001	<b>GROUP:</b>
40	Cytotoxic Effects of Discodermolide and Epothilone B in Non-Small Cell Lung Cancer Cells <i>Cancer Research</i> , 62: 4081-4088, 2002. ✓		
	Brummond, et al.. "A Novel Application of a Pd(0)-Catalyzed Nucleophilic Substitution Reaction to the Regio- and Stereoselective Synthesis of Lactam Analogues of the Epothilone Natural Products" <i>Chemtracts</i> , 14(7): 401-404, 2001. ✓		
	Buck, et al., "Epothilones: A New Class of Microtubule-Stabilizing Agents with a Taxol-Like Mechanism of Action, <i>Chemtracts</i> , 11: 671-677, 1998. ✓		
	Carlomagno, et al., "The High-Resolution Solution Structure of Epothilone A Bound to Rubulin: An Understanding of the Structure-Activity Relationships for a Powerful Class of Antitumor Agents" <i>Angew.Chem.Int.Ed.</i> , 42: 2511-2515, 2003. ✓		
	Carlomagno, et al., "Derivation of Dihedral Angles from Ch-Ch Dipolar-Dipolar Cross-Correlated Relaxation Rates: A C-C Torsion Involving a Quaternary Carbon Atom in Epothilone A Bound to Tubulin" <i>Angew.Chem.Int.Ed.</i> , 42: 2515-2517, 2003. ✓		
	Carreira, E., "Discovery and Study of New Reaction Chemistry: Applications in Complex Molecule Assembly" <i>Chimia</i> , 55(10): 818-820, 2001. ✓		
	Casas, et al.. BINOLAM, a Recoverable Chiral Ligand for Bifunctional Enantioselective Catalysis: The Asymmetric Synthesis of Cyanohydrins <i>Organic Letters</i> , 4(15): 2589-2592, 2002. ✓		
	Chappell, et al., "En Route to a Plant Scale Synthesis of the Promising Antitumor Agent 12,13-Desoxyepothilone B" <i>Org. Letter</i> . 2(11): 1633-1636, 2000. ✓		
✓	Chen, et al.. "Epothilone Biosynthesis: Assembly of the Methylthiazolylcarboxy Starter Unit on the EpoB Subunit" <i>Chem. Biol.</i> , 8(9): 899-912, 2001. ✓		
	<del>Chevalier, Epothilones: A New Generation of Microtubule-Stabilizing Compounds, 13-14.</del> <i>Incomplete. No publication date.</i>		
40	Chou, Desoxyepothilone B is curative against human tumor xenografts that are refractory to paclitaxel <i>Proc. Natl. Acad. Sci.</i> , 95: 15798-15802, 1998. ✓		
	Chou, et al., "The Synthesis, Discovery, and Development of a Highly Promising Class of Microtubule Stabilization Agents: Curative Effects of Desoxyepothilones B and F Against Human Tumor Xenografts in Nude Mice" <i>Proc. Natl. Acad. Sci.</i> , 98(14): 8113/8118, 2001. ✓		
	Chou, et al., "Desoxyepothilone B: An Efficacious Microtubule-Targeted Antitumor Agent with a Promising In Vivo Profile Relative to Epothilone B", <i>Proc. Natl. Acad. Sci.</i> , 95: 9642, 1998. ✓		
	Chou, et al.. Desoxyepothilone B: An efficacious microtubule-targeted antitumor agent with a promising in vivo profile relative to epothilone B <i>Proc. Natl. Acad. Sci.</i> , 95: 9642-9647, 1998. ✓		
	Claus, E. et al., "Synthesis of the C1-C9 Segment of Epothilones", <i>Tetrahedron Letters</i> 38:8:1359-1362 (1997) ✓		
✓	Corey, et al., "Chemistry of Diimide. Some New Systems for the Hydrogenation of Multiple Bonds" <i>Tetrahedron Lett.</i> 347-352 1961. ✓		



<b>FORM PTO-1449</b>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2003080-0082 (SK-744-CON3)	IN RE APPLICATION NO.: 09/874,514
(REV. 8-83)		APPLICANT: Danishefsky, <i>et al</i>  FILING DATE: June 5, 2001	GROUP:
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)			
YD	Elsevier, Paris, New York, 25: 187-206, 1999. ✓		
	Danishefsky, et al., "The Synthesis and Evaluation of 12,13-Benzodesoxyepothilone B: a Highly Convergent Route." <i>Tetrahedron Letters</i> , 40: 6895-6898, 1999. ✓		
	Danishefsky, et al., "Complex Target Oriented Synthesis in the Drug Discovery Process: A Case History in the dEpoB Series" <i>J. Org. Chem.</i> , 64: 8434-8456, 1999. ✓		
	Danishefsky, et al., "Desoxyepothilone B is Curative Against Human Tumor Xenografts that are Refractory to Paclitaxel", <i>Proc. Nat. Acad. Sci.</i> , 95: 15798, 1998. ✓		
	Danishefsky, et al., "Remote Effects in Macrolide Formation Through Ring Forming Olefin Metathesis: An Application to the Synthesis of Fully Active Epothilone Congeners", <i>J. Am. Chem. Soc.</i> 119: 2733, 1997. ✓		
	Danishefsky, et al., "Total Synthesis of (-) - Epothilone B: An Extension of the Suzuki Coupling Method and Insights into Structure - Activity Relationships of the Epothilones", <i>Angew. Chem. Int. Ed.</i> 36: 757, 1997. ✓		
	Danishefsky, et al., "Structure-Activity Relationships of the Epothilones and the First in Vivo Comparison with Paclitaxel", <i>Angew. Chem. Int. Ed.</i> , 7: 824-826, 1997. ✓		
	De Brabander, et al., "Towards a Synthesis of Epothilone: A Rapid Assembly of the C(1)-C(6) and C(7)-C(12) Fragments", <i>Synlett</i> , 7: 824-826, 1997. ✓		
	De Brabander, et al., "Towards a Synthesis of Epothilone A", <i>Synlett</i> , 3:328, 1998. ✓		
	De Brabander, et al., "Towards a Synthesis of Epothilone A. Rapid Assembly of the C(1)-C(6) and C(7)-C(12) Fragments" <i>Synlett</i> , 6: 692, 1998. ✓		
	Delbaldo, et al., Nouveaux medicamenets dans le cancer bronchique <i>La Presse Medicate</i> , 31: 802-809, 2002. ✓		
	Denmark, et al., "Cyclopropanation with Diazomethane and Bis(Oxazoline) Palladium(II) Complexes", <i>J. Org. Chem.</i> 62:3375-3389, 1997. ✓		
	Duthaler, et al., "Enantioselective Aldol Reaction of Tert-Butyl Acetate Using Titanium-Carbohydrate Complexes", <i>Angew. Chem. Int. Ed. Engl.</i> 28: 495-497, 1989. ✓		
	End, et al., "Synthetic Epothilone Analogs with Modifications in the Northern Hemisphere and the Heterocyclic Side-Chain-Synthesis and Biological Evaluation" <i>Proc. ECSOC-3, Proc. ECSOC-4, 1999, 2000, Meeting Date 1999-2000, 1431-1442, Ed: Pombo-Villar, Esteban. Molecular Diversity Preservation International: Basel, Switz. 2000, Doc. No: 134:311010, 2000.</i> ✓		
	Essayan, et al., "Successful Parenteral Desensitization to Paclitaxel", <i>J. Allergy Clin. Immunol.</i> 97: 42-46, 1996. ✓		
	Finley, et al., "Metathesis vs. Metastasis: The Chemistry and Biology of The Epothilones", <i>Chem. Ind.</i> 24: 991-996, 1997. ✓		
	Florsheimer, et al., "Epothilones and Their Analogues-A New Class of Promising Microtubule Inhibitors" <i>Expert Opin. Ther. Pat.</i> , 11(6): 951-968, 2001. ✓		
	Frykman, et al., Control of Secondary Metabolite Congener Distributions via Modulation of		

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>  <b>FILING DATE:</b> June 5, 2001  <b>GROUP:</b>	
10	the Dissolved Oxygen Tension, <i>Biotechnol. Prog.</i> , <b>18</b> : 913-920, 2002. ✓		
	Fürstner, "Olefin Metathesis and Beyond", <i>Angew. Chem. Int. Ed. Engl.</i> <b>39</b> : 3013-3043, 2000. ✓		
	Fürstner, et al., "Concise Total Syntheses of Epothilone A and C Based on Alkyne Metathesis" <i>Chem. Commun.</i> , <b>12</b> : 1057-1059, 2001. ✓		
	Geng, et al., "Design and Synthesis of De Novo Macrocyclic Hybrids as Potential Anticancer Agents" <i>Abstr. Pap.-Am. Chem. Soc.</i> , <b>221<sup>st</sup></b> , <i>MEDI-130</i> , 2001. ✓		
	Georg, et al., "Studies Toward the Synthesis of Epothilone Affinity Labels" <i>Book of Abstracts</i> , <b>219<sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, MEDI-075</b> , 2000. ✓		
	Gerlach, et al., "Synthesis of the C(7)-C(17) Segment of Epothilones by a 10-Membered Ring Closing Metathesis Reaction", <i>Synlett</i> , <b>10</b> : 1108-1110, 1998 ✓		
	Gerth, et al., "Studies on the Biosynthesis of Epothilones: the PKS and Epothilone C/D Monooxygenase" <i>J. Antibiot.</i> , <b>54(2)</b> : 144-148, 2001. ✓		
	Gerth, et al., "Epothilons A and B: Antifungal and Cytotoxic Compounds from <i>Sorangium cellulosum</i> (Myxobacteria) Production, Physico-chemical and Biological Properties, <i>The Journal of Antibiotics</i> , 49-53, 1996. ✓		
	Gerth, et al., "Studies on the Biosynthesis of Epothilones: The Biosynthetic Origin of the Carbon Skeleton" <i>J. Antibiot.</i> , <b>53(12)</b> : 1373-1377, 2000. ✓		
	Giannakakou, et al., "A Common Pharmacophore for Epothilone and Taxanes: A Molecular Basis for Drug Resistance Conferred by Tubulin Mutations in Human Cancer Cells" <i>Proc. Natl. Acad. Sci.</i> , <b>97(6)</b> : 2904-2909, 2000. ✓		
	Griffin, et al., Molecular Determinants of Epothilone B Derivative (BMS 247550) and Apo-2L/TRAIL-induced Apoptosis of Human Ovarian Cancer Cells, <i>Gynecologic Oncology</i> , <b>89</b> : 37-47, 2003. ✓		
	Grubbs, et al., "Ring-Closing Metathesis and Related Processes in Organic Synthesis" <i>Acc. Chem. Res.</i> <b>28</b> : 446-452, 1995. ✓		
	Gupta, et al., Understanding Tubulin-Taxol Interactions: Mutations That Impart Taxol Binding to Yeast Tubulin <i>PNAS</i> , <b>100</b> : 5394-6397, 2003. ✓		
	Hamashima, et al., "Highly Enantioselective Cyanosilylation of Aldehydes Catalyzed by a Lewis Acid-Lewis Base Bifunctional Catalyst" <i>Tetrahedron</i> , <b>57(5)</b> : 805-814, 2001. ✓		
	Hardt, et al., "New Natural Epothilones from <i>Sorangium Cellulosum</i> , Strains So ce90/B2 and So ce90/D13: Isolation, Structure Elucidation and SAR Studies" <i>J. Nat. Prod.</i> , <b>64(7)</b> : 847-856, 2001. ✓		
	Harris, et al., Complex Target-Oriented Synthesis in the Drug Discovery Process: A Case History in the dEpoB Series <i>J. Org. Chem.</i> , <b>64</b> : 9434-8456, 1999. ✓		
	Harris, et al., New Chemical Synthesis of the Promising Cancer Chemotherapeutic Agent 12, 13-Desoxyepothilone B: Discovery of a Surprising Long-Range Effect on the Diastereoselectivity of an Aldol Condensation <i>J. Am. Chem. Soc.</i> , <b>121</b> : 7050-7062, 1999. ✓		

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	
		<b>FILING DATE:</b> June 5, 2001	<b>GROUP:</b>
10	Hayward, et al. "Total Synthesis of Rapamycin via a Novel Titanium-Mediated Aldol Macrocyclization Reaction", <i>J. Am. Chem. Soc.</i> , <b>115</b> : 9345-9346, 1993. ✓		
	He, et al., Novel Molecules that Interact with Microtubules and have Functional Activity Similar to Taxol Elsevier Science Ltd. <i>DDT</i> , <b>6</b> : 1153-1164, 2001. ✓		
	He, et al., "Novel Molecules that Interact with Microtubules and have Functional Activity Similar to Taxol" <i>Drug Discovery Today</i> , <b>6</b> (22): 1153-1164, 2001. ✓		
	He, et al., "A Common Pharmacophore for Taxol and the Epothilones Based on the Biological Activity of a Taxane Molecule Lacking a C-13 Side Chain" <i>Biochemistry</i> , <b>39</b> (14): 3972-3978, 2000. ✓		
	He, Yun et al., "Total Synthesis and Biological Evaluation of Epothilones" The Scripps Research Institute <i>Order No.</i> : DA9966202 From: <i>Diss. Abstr. Int.</i> , <b>B 2000</b> , <b>61</b> (3), 1414, 2000. ✓		
	Hindpur, et al., "Total Synthesis of Epothilone A" <i>Tetrahedron Letters</i> , <b>42</b> (42): 7341-7344, 2001. ✓		
	Hofle, et al., "Epothilone A-D and Their Thiazole-Modified Analogs as Novel Anticancer Agents, <i>Pure Appl. Chem.</i> , <b>71</b> : 2019-2024, 1999. ✓		
	Holland, M., "1. The Synthesis of a Cyclopropyl Taxane Analog via Sequential Diels-Alder Reactions. 2. The Design and Synthesis of Novel Epothilone Analogs" University of Pennsylvania <i>Order No.</i> : DA9953544 From: <i>Diss. Abstr. Int.</i> , <b>B2000</b> , <b>60</b> (12) 6106, 1999. ✓		
*	<del>Holland, et al., "Design, Synthesis and Biological Evaluation of Epothilone Analogs", Book of Abstracts, 215th ACS National Meeting, Dallas, March 29-April 2, ORGN-015.</del>		
10	Hofle, et al., <i>Epothilone A and B - Novel 16-Membered Macrolides with Cytotoxic Activity: Isolation, Crystal Structure, and Conformation in Solution</i> , <i>Angew. Chem. Int. Ed. Engl</i> , <b>35</b> : 1567-1569, 1996. ✓		
	Hofle, et al., "N-Oxidation of Epothilone A-C and O-Acyl Rearrangement to C-19 and C-21 Substituted Epothilones" <i>Angew. Chem. Int. Ed.</i> , <b>38</b> (13/14): 1971-1974, 1999. ✓		
*	<del>Inoue, et al., "Design and Synthesis of Taxoid-Epothilone Hybrids", Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27, ORGN-380.</del>		
10	Ivin, "Some Recent Applications of Olefin Metathesis in Organic Synthesis: A Review", <i>J. Mol. Catal. A: Chem</i> , <b>133</b> (1-2): 1998 ✓		
	Jaenicke, L., "Epothilone from Amphora" <i>Chem. Unserer Zeit (German)</i> , <b>34</b> (4): 257, 2000. ✓		
	Jiang, et al., "Advances in Research on Novel Natural Anticancer Compounds: Epothilones" <i>Tianran Chanwu Yanjiu Yu Kaifa (Chinese)</i> , <b>11</b> (3): 77-81, 1999. ✓		
	Johnson, et al., "Synthesis, Structure Proof, and Biological Activity of Epothilone Cyclopropanes" <i>Org. Lett.</i> , <b>2</b> : 1537-1540, 2000. ✓		
*	Julien, et al., "Isolation and Characterization of the Epothilone Biosynthetic Gene Cluster from <i>Sorangium Cellulosum</i> " <i>Gene</i> , <b>249</b> (1-2): 153-160, 2000. ✓		

\* No publication date

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>  <b>FILING DATE:</b> June 5, 2001  <b>GROUP:</b>	
70 ↓ * 70	Kalesse, et al., "The Formal Total Synthesis of Epothilone A" <i>Eur. J. Org. Chem.</i> , <b>11</b> : 2817-2823, 1999. ✓		
	Klar, et al., "Epothilones" Book of Abstracts, 219 <sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, ORGN-288, 2000. ✓		
	Koch, et al., Diastereoselective Titanium Enolate Aldol Reaction for the Total Synthesis of Epothilones <i>Organic Letters</i> , <b>2(22)</b> : 3811-3814, 2002. ✓		
	Krische, et al., "Diastereoselective Cobalt-Catalyzed Aldol and Michael Cycloreductions" <i>J. Am. Chem. Soc.</i> <b>123</b> : 5112-5113, 2001. ✓		
	Lee, et al., "BMS-247550: A Novel Epothilone Analog with a Mode of Action Similar to Paclitaxel but Possessing Superior Antitumor Efficacy" <i>Clin. Cancer Res.</i> , <b>7(5)</b> : 1429-1437, 2001. ✓		
	Lee, et al., "Synthesis of the C11-C21 and C13-C21 Fragments of Epothilones from D-glucose" <i>Bull. Korean Chem. Soc.</i> , <b>21(12)</b> : 1177-1178, 2000. ✓		
	Lee, et al., "Synthesis Toward Epothilone A: A Coupling Reaction Between the Sulfone of C1-C10 and the Allylic Bromide of C11-C21" <i>Bull. Korean Chem. Soc.</i> , <b>20(4)</b> : 403-404, 1999. ✓		
	Lee, et al., "Insights into Long-Range Structural Effects on the Stereochemistry of Aldol Condensations: A Practical Total Synthesis of Deoxyepothilone F" <i>J. Am. Chem. Soc.</i> <b>123</b> : 5249-5259, 2001. ✓		
	Lee, et al., "Total Synthesis and Antitumor Activity of 12,13-Desoxyepothilone F: An Unexpected Solvolysis Problem at C15, Mediated by Remote Substitution at C21" <i>J. Org. Chem.</i> , <b>65</b> : 6525-6533, 2000. ✓		
	Li, et al., "Synthesis of a Novel Epothilone B Analog as a Potential Photoaffinity Label" <i>Abstr. Pap.-Am. Chem. Soc.</i> <b>221<sup>st</sup></b> , MEDI-137, 2001. ✓		
	Li, et al., "Process Development of the Semisynthesis of a Biologically Active Epothilone Analogue" <i>Abstracts of Papers</i> , 222 <sup>nd</sup> ACS National Meeting, Chicago, IL, August 26-30, ORGN-238, 2001. ✓		
	Li, et al., "Antimitotic Agents" <i>Annu. Rep. Med. Chem.</i> , <b>34</b> : 139-148, 1999. ✓		
	Lichtner, et al., "Subcellular Distribution of Epothilones in Human Tumor Cells" <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <b>98(20)</b> : 11743-11748, 2001. ✓		
	Lin, et al., "Design, Synthesis and SAR of Novel Hybrid Constructs Based on the Common Pharmacophore for Microtubule-Stabilizing Agents" <i>Book of Abstracts</i> , 217 <sup>th</sup> ACS National Meeting, Anaheim, CA, March 21-25, MEDI-038, 1999. ✓		
Lin, et al., "Design and Synthesis of Taxoid-Epothilone Hybrids" <i>Book of Abstracts</i> , 216 <sup>th</sup> ACS National Meeting, Boston, August 23-27, ORGN-464. ✓			
*List, et al., "Proline-Catalyzed Direct Asymmetric Aldol Reactions" <i>J. Am. Chem. Soc.</i> <b>122</b> : 2395-2396, 2000. ✓			

\* No publication date.

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	<b>GROUP:</b>
<b>FILING DATE:</b> June 5, 2001			
70	Liu, et al., Total Synthesis of Epothilone A through Stereospecific Epoxidation of the p-Methoxybenzyl Ether of Epothilone C <i>Chem. Eur. J.</i> , 8(16): 3747-3756, 2002. ✓		
	Liu, et al., "Epoxide Opening with Acetylide for Synthesis of Epothilone A C7-21 Segment", <i>Tetrahedron Lett.</i> 39(29): 5261-5264, 1998. ✓		
	Liu, et al., "Synthesis of the C11-16+C27 Segment of Epothilone A", <i>Chin. Chem. Lett.</i> 9(1): 35-38, 1998. ✓		
	Machajewski, et al., "Chemoenzymic Synthesis of Key Epothilone Fragments" <i>Synthesis (Spec. Iss.)</i> , 1469-1472, 1999. ✓		
	Martin, et al., Marshall, "Total Synthesis of Epothilone", <i>Nat. Biotechnol.</i> 15(3): 205, 1997. ✓		
	Martin, et al., "The 12,13-diol Cyclization Approach for a Truly Stereocontrolled Total Synthesis of Epothilone B and the Synthesis of a Conformationally Restrained Analog" <i>Chem. Eur. J.</i> , 42(47): 8373-8377, 2001. ✓		
	Martin, "How Stable are Epoxides? A Novel Synthesis of Epothilone B" <i>Angew. Chem. Int. Ed.</i> 39(3): 581-583, 2000. ✓		
	May, et al., "Total Synthesis of (-) Epothilone B", <i>Chem. Commun.</i> , 95: 1369-1374, 1998. ✓		
	McDaid, et al., Validation of the Pharmacodynamics of BMS-247550, an Analogue of Epothilone B, During a Phase I Clinical Study, <i>Clinical Cancer Research</i> , 8: 2035-2043, 2002. ✓		
	Meng, Dongfang, et al., "Chapter I: The First Total Syntheses of Epothilones A, B, C and D. Chapter II: The First Total Syntheses of 12-epi-CP-263,114 and 12-epi-CP-225,917" Columbia University <i>Order No.:</i> DA9949022 From: Diss. Abstr. Int., B2000, 60(10), 5096 (1999). ✓		
	Molnar, et al., "The Biosynthetic Gene Cluster for the Microtubule-Stabilizing Agents Epothilones A and B from <i>Sorangium Cellulosum</i> So ce90" <i>Chem. Biol.</i> , 7(2): 97-109, 2000. ✓		
	Mulzer, et al., "Epothilone B and its Derivatives as Novel Antitumor Drugs: Total and Partial Synthesis and Biological Evaluation" <i>Monatsh. Chem.</i> , 131(3): 205-238, 2000. ✓		
	Mulzer, et al., "Total Syntheses of Epothilones B and D" <i>J. Org. Chem.</i> , 65(22): 7456-7467, 2000. ✓		
	Mulzer, et al., "A Novel Highly Stereoselective Total Synthesis of Epothilone B and of its (12R,13R) Acetonide" <i>Tetrahedron Lett.</i> , 41(40): 7635-7638, 2000. ✓		
	Mulzer, et al., "Synthesis of the C(11)-C(20) Segment of the Cytotoxic Macrolide Epothilone B", <i>Tetrahedron Letters</i> , 38(44): 7725-7728, 1997. ✓		
	Mulzer, et al., "Easy Access to the Epothilone Family-Synthesis of Epothilone B", <i>Tetrahedron Letters</i> , 39(47): 8633-8636, 1998. ✓		
	Mulzer, "Progress in the Synthesis of Chiral Heterocyclic Natural Products: Epothilone B and Tartrolon B" <i>J. Heterocycl. Chem.</i> , 36(6): 1421-1436, 1999. ✓		
	Nakamura, S., "Total Synthesis of Antitumor Antibiotic Epothilone Having Same Mechanism of Action with Taxol", <i>Kagaku (Kyoto)</i> , (In Japanese) 52(7): 70-71, 1997. ✓		
	Newman, et al., "Antitumor Efficacy of 26-Fluoroepothilone B Against Human Prostate Cancer Xenografts"		



<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	
		<b>FILING DATE:</b> June 5, 2001	<b>GROUP:</b>
70	<p><i>Cancer Chemother. Pharmacol.</i>, 48(4): 319-326, 2001. ✓</p> <p>Nicolaou, et al., Recent Developments in the Chemistry, Biology and Medicine of the Epothilones <i>Chem. Commun.</i>, 1523-1535, 2001. ✓</p> <p>Nicolaou, et al., "Synthesis and Biological Evaluation of 12, 13-cyclopropyl and 12,13-cyclobutyl Epothilones" <i>ChemBioChem (Angew. Chem. Int. Ed. Engl.)</i>, 2(1): 69-75, 2001. ✓</p> <p>Nicolaou, et al., "Recent Developments in the Chemistry, Biology and Medicine of the Epothilones" <i>Chem. Commun.</i>, 17: 1523-1535, 2001. ✓</p> <p>Nicolaou, et al., "Chemical Synthesis and Biological Evaluation of cis- and trans-12,13-cyclopropyl and 12,13-cyclobutyl Epothilones and Related Pyridine Side Chain Analogues" <i>J. Am. Chem. Soc.</i>, 123(38): 9313-9323, 2001. ✓</p> <p>Nicolaou, et al., "Synthesis of 16-desmethylepothilone B: Improved Methodology for the Rapid, Highly Selective and Convergent Construction of Epothilone B and Analogs" <i>Chem. Commun.</i>, 6: 519-520, 1999. ✓</p> <p>Nicolaou, et al., "Total Synthesis of 16-Desmethylepothilone B, Epothilone B10, Epothilone F, and Related Side Chain Modified Epothilone B Analogues", <i>Chem. Eur. J.</i>, 6(15): 2783-2800, 2000. ✓</p> <p>Nicolaou, et al., "Chemical Synthesis and Biological Properties of Pyridine Epothilones" <i>Chem. Biol.</i> 7(8): 593-599, 2000. ✓</p> <p>Nicolaou, et al., "Chemistry, Biology and Medicine of Selected Tubulin Polymerizing Agents" <i>Pure Appl. Chem.</i>, 71(6): 989-997, 1999. ✓</p> <p>Nicolaou, K.C. et al. "Synthesis and Biological Properties of C12,13-Cyclopropyl-Epothilone A and Related Epothilones" <i>Chem. Biol.</i> 5(7): 365-372, 1998. ✓</p> <p>Nicolaou, et al., "Total Synthesis of Epothilone E and Related Side-Chain Modified Analogues via a Stille Coupling Based Strategy" <i>Bioorg. Med. Chem.</i>, 7(5): 665-697, 1999. ✓</p> <p>Nicolaou, et al., Chemie und Biologie der Epothilone, <i>Angew. Chem.</i>, 110: 2120-2153, 1998. ✓</p> <p>Nicolaou, et al., "Probing the Ring Size of Epothilone: Total Synthesis of [14]-, [15]-, [17]-,..." <i>Angew. Chem. Int. Ed.</i> 37: 81-87, 1998. ✓</p> <p>Nicolaou, et al., "Total Synthesis of Epothilone E and Analogues with Modified Side Chains through the Stille Coupling Reaction" <i>Angew. Chem. Int. Ed.</i> 110: 85-92, 1998. ✓</p> <p>Nicolaou, et al., Intellectual Screening of Natural Products for Drugs", <i>Farumashia</i>, 33(12): 1339-1345, 1997. ✓</p> <p>Nicolaou, K.C. et al., "Total Synthesis of 26-hydroxyepothilone B and related analogues", <i>Chem. Commun.</i> 2343-2344 (1997) ✓</p> <p>Nicolaou, et al., "Chemical Biology of Epothilones", <i>Angew. Chem. Int. Ed.</i>, 37: 2014-2045, 1998. ✓</p> <p>Nicolaou, et al., "Ring-Closing Metathesis in the Synthesis of Epothilones and Polyether Natural Products" <i>Top. Organomet. Chem. 1 (Alkene Metathesis in Organic Synthesis)</i> 1: 73-</p>		



<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2003080-0082 (SK-744-CON3)	IN RE APPLICATION NO.: 09/874,514
		APPLICANT: Danishefsky, <i>et al</i>	
		FILING DATE: June 5, 2001	GROUP:

**INFORMATION DISCLOSURE STATEMENT**
*(Use several sheets if necessary)*

40	Rivkin, et al., Total Syntheses of [17]- and [18] Dehydrodesoxyepothilones B via a Consise Ring-Closing Metathesis-Based Strategy: Correlation of Ring Size with Biological Activity in the Epothilone Series <i>J. Org. Chem.</i> , <b>67</b> : 7737-7740, 2002. ✓
	Rivkin, et al., On the Introduction of a Trifluoromethyl Substituent in the Epothilone Setting: Chemical Issues Related to Ring Forming Olefin Metathesis and Earliest Biological Findings <i>Organic Letters</i> , <b>4</b> (23): 4081-4084, 2002. ✓
	Santi, et al., "An Approach for Obtaining Perfect Hybridization Probes for Unknown Polyketide Synthase Genes: A Search for the Epothilone Gene Cluster" <i>Gene</i> , <b>247</b> (1-2): 97-102, 2000. ✓
	Sawada, et al., "Enantioselective Total Synthesis of Epothilone A Using Multifunctional Asymmetric Catalysis" <i>Angew. Chem. Int. Ed.</i> , <b>39</b> (1): 209-213, 2000. ✓
	Sawada, et al., "Enantioselective Total Synthesis of Epothilones A and B Using Multifunctional Asymmetric Catalysis" <i>J. Am. Chem. Soc.</i> , <b>122</b> (43): 10521-10532, 2000. ✓
	Schrock, Olefin Metathesis by Well-Defined Complexes of Molybdenum and Tungsten.
	Sefkow, et al., "Derivatization of the C12-C13-Functional Groups of Epothilones A, B, and C, <i>Bioorg. Med. Chem.</i> , <b>8</b> : 3031-3036, 1998. ✓
	Sefkow, et al., "Oxidative and Reductive Transformations of Epothilone A" <i>Bioorg. Med. Chem.</i> <b>8</b> (21): 3025-3030, 1998. ✓
	Sefkow, et al., "Substitutions at the Thiazole Moiety of Epothilone" <i>Heterocycles</i> , <b>48</b> (12): 2485-2488, 1998. ✓
	Schinzner, et al., "Total Synthesis of (-)-epothilone A" <i>Chem.-Eur. J.</i> , <b>5</b> (9): 2483-2491, 1999. ✓
	Schinzner, et al., "Total Synthesis of (-)-epothilone B" <i>Chem.-Eur. J.</i> , <b>5</b> (9): 2492-2500, 1999. ✓
	Schinzner, et al., "Synthesis and Biological Evaluation of Aza-Epothilones" <i>Angew. Chem. Int. Ed. ChemBiochem</i> , <b>1</b> (1): 67-70, 2000. ✓
✓	Schinzner, et al., "Synthesis of Epothilones. Stereoselective Routes to Epothilone B" <i>Synlett</i> , <b>8</b> : 861-864, 1998. ✓
* ✓	<del>Schinzner, Interview. Epothilones-New Promising Microtubule-Stabilizing Products with Taxol-like Biological Activity, ECC Braunschweig</del>
40	Schinzner, et al., "New and Convenient Synthesis of ® and (S) of 2-methyl-3-oxa-5-(tert-butyl)diphenylsilyloxy)methylpentanoate and 2-methyl-3-oxa-5-(tert-butyl)dimethylsilyloxy)methylpentanoate" <i>Phosphorus, Sulfur Silicon Relat. Elem.</i> , <b>158</b> : 187-199, 2000. ✓
	Schneider, et al., Utilization of Alternate Substrates by the First Three Modules of the Epothilone Synthetase Assembly Line <i>J. Am. Chem.Soc.</i> , <b>124</b> : 11272-11273, 2002. ✓
	Scholl, et al., "Increased Ring Closing Metathesis Activity of Ruthenium-Based Olefin Metathesis Catalysts Coordinated with Imidazolin-2-Ylidene Ligands" <i>Tetrahedron Lett.</i> <b>40</b> : 2247, 1999. ✓
✓	Scudiero, et al., Evaluation of a Soluble Tetrazolium/Formazan Assay for Cell Growth and Drug Sensitivity in Culture Using Human and Other Tumor Cell Lines, <i>Cancer Research</i> , <b>48</b> :

\* No publication date.

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>  <b>FILING DATE:</b> June 5, 2001  <b>GROUP:</b>	
4827-4833, 1988. ✓  Shibasaki, et al., "Multifunctional Asymmetric Catalysis" <i>Chem. Pharm. Bull.</i> , 49(5): 511-524, 2001. ✓  Shioji, et al., "Synthesis of C1-C6 Fragment for Epothilone A via Lipase-Catalyzed Optical Resolution" <i>Synth. Commun.</i> , 31(23): 3569-3575, 2001. ✓  Sinha, et al., "The Antibody Catalysis Route to the Total Synthesis of Epothilones" <i>Proc. Natl. Acad. Sci.</i> , 95(25): 14603-14608, 1998. ✓  Sinha, et al., "Catalytic Antibody Route to the Naturally Occurring Epothilones: Total Synthesis of Epothilones A-F" <i>Chem. Eur. J.</i> , 7(8): 1691-1702, 2001. ✓  Sinha, et al., "Total Synthesis of Epothilones and Some 14-Fluoroanalogs via Antibody Catalysis" <i>Book of Abstracts, 217<sup>th</sup> ACS National Meeting, Anaheim, CA, March 21-25, ORGN-054</i>  Sinha, et al., "Synthesis of Epothilone Analogues by Antibody-Catalyzed Resolution of Thiazole Aldol Synthons on a Multigram Scale. Biological Consequences of C-13 Alkylation of Epothilones" <i>ChemBioChem</i> , 2(9): 656-665, 2001. ✓  Sinha, et al., "Sets of Aldolase Antibodies with Antipodal Reactivities. Formal Synthesis of Epothilone E by Large Scale Antibody-Catalyzed Resolution of Thiazole Aldol" <i>Org. Lett.</i> , 1(10): 1623-1626, 1999. ✓  Sinha, et al., "Regioselective Synthesis of Fluoro Aldols. Studies Toward Fluoro Epothilones Syntheses via Antibody Catalysis" <i>Tetrahedron Letters</i> , 41(43): 8243-8246, 2000. ✓  Skehan, et al., New Colorimetric Cytotoxicity Assay for Anticancer-Drug Screening, <i>Journal of the National Cancer Institute</i> , 82: 1107-1112, 1990. ✓  Smart, Fluorine Substituent Effects (on bioactivity) <i>Journal of Fluorine Chemistry</i> , 109: 3-11, 2001. ✓  Stachel, et al., "The Epothilones, Eleutherobins, and Related Types of Molecules" <i>Curr. Pharm. Des.</i> , 7(13): 1277-1290, 2001. ✓  Stachel, et al., "Chemo- and Stereoselective Epoxidation of 12,13-Desoxyepothilone B using 2,2'-dimethyldioxirane" <i>Tetrahedron Lett.</i> , 42(39): 6785-6787, 2001. ✓  Still, et al., "Stereoselective Synthesis of 1,3-Diol Derivatives and Application to the Ansa Bridge of Rifamycin S" <i>J. Am. Chem. Soc.</i> 105: 2487-2489, 1983. ✓  Su, et al., Structure - Activity Relationships of the Epothilones and the First In Vivo Comparison with Paclitaxel <i>Angew. Chem. Int. Ed. Engl.</i> 36: 2093-2096, 1997. ✓  Tamao, et al., "Selective Carbon-Carbon Bond Formation by Cross-Coupling of Grignard Reagents with Organic Halides. Catalysis by Nickel-Phosphine Complexes" <i>J. Am. Chem. Soc.</i> 94: 4374-4379, 1972. ✓  Tang, et al., "Cloning and Expression of the Epothilone Gene Cluster" <i>Science</i> , 287: 640-642, 2000. ✓  Tang, et al., "Generation of Novel Epothilone Analogs with Cytotoxic Activity by Biotransformation The Journal of Antibiotics, 56: 16-23, 2003. ✓			

\* No publication date.

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET: 2003080-0082 (SK-744-CON3)	IN RE APPLICATION NO.: 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		APPLICANT: Danishefsky, <i>et al</i> FILING DATE: June 5, 2001 GROUP:	
YO	Tanimori, et al., "Simple Synthesis of Both Enantiomers of the C7-C12 Segment of Epothilones" <i>Biosci. Biotechnol. Biochem.</i> , 62(12): 2428-2430, 1998.. ✓		
	Tanimori, et al., "Easy Access to Both Enantiomers of C7-C12 Segment of Epothilones" <i>Synth. Commun.</i> , 29(24): 4353-4360, 1999. ✓		
	Taylor, et al., "Total Synthesis of Epothilones B and D" <i>Org. Lett.</i> , 3(14): 2221-2224, 2001. ✓		
*	<del>Taylor, et al., "The Identification of the Biologically Active Conformation of Epothilone" <i>Book of Abstracts, 217<sup>th</sup> ACS National Meeting, Anaheim, CA, March 21-25, ORGN-041</i></del>		
YO	Taylor, et al., "The Conformational Properties of Epothilone"-Erratum <i>J. Org. Chem.</i> , 65(17): 5449, 2000. ✓		
	Taylor, et al., "Conformational Properties of Epothilone" <i>J. Org. Chem.</i> , 64(19): 7224-7228, 1999. ✓		
	Taylor, et al., Catalytic Diastereoselective Reductive Aldol Reaction: Optimization of Interdependent Reaction Variables by Arrayed Catalyst Evaluation, <i>J. Am. Chem. Soc.</i> , 121: 12202-12203, 1999. ✓		
	Taylor "A Formal Total Synthesis of Epothilone A: Enantioselective Preparation of the C1-C6 and C7-C12 Fragments" <i>J. Org. Chem.</i> , 63(25): 9580-9583, 1998. ✓		
	Ter Haar, et al., "Taxanes and Other Microtubule Stabilizing Agents" <i>Expert. Opin. Ther. Pat.</i> , 8(5): 571-586, 1998. ✓		
	Trnka, et al., "The Development of L <sub>2</sub> X <sub>2</sub> Ru=CHR Olefin Metathesis Catalysts: An Organometallic Success Story", <i>Acc. Chem. Res.</i> 34: 18-31, 2001. ✓		
	Trnka, et al., The Development of L <sub>2</sub> X <sub>2</sub> Ru=CHR Olefin Metathesis Catalysts: An Organometallic Success Story <i>Acc. Chem. Res.</i> , 34: 18-29, 2001. ✓		
	Valluri, et al., "Total Synthesis of Epothilone B" <i>Org. Lett.</i> , 3(23): 3607-3609, 2001. ✓		
*	<del>Victory, et al., "Development of an Epothilone Pharmacophore" <i>Book of Abstracts, 215<sup>th</sup> ACS National Meeting, Dallas, March 29-April 2, MEDI-187</i></del>		
See attached 892	Vite, et al., "Epothilones A and B: Springboards for Semisynthesis of Promising Antimitotic Agents" <i>Book of Abstracts, 219<sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, ORGN-286, 2000.</i>		
YO	Von Angerer, E "Tubulin as a Target for Anticancer Drugs" <i>Curr. Opin. Drug Discovery Dev.</i> , 3(5): 575-584, 2000. ✓		
	Walsh, C. "Enzymatic Assembly of Hybrid Polyketide/Nonribosomal Peptide Natural Products" <i>Abstracts of Papers, 222<sup>nd</sup> ACS National Meeting, Chicago, IL, August 26-30, BIOL-126, 2001.</i> ✓		
	Wessjohann, et al., "Synthesis of Natural-Product-Based Compound Libraries" <i>Curr. Opin. Chem. Biol.</i> , 4: 303-309, 2000. ✓		
	Wessjohann, et al. "Synthetic Access to Epothilones-Natural Products with Extraordinary Anticancer Activity" <i>Org. Synth. Highlights IV Ed: Schmalz, H., Wiley-VCH Verlag GmbH:</i>		

\* No publication date

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE          APPLICATION          NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	<b>FILING DATE:</b> June 5, 2001
10	Weinheim Germany, 251-267, 2000 ✓		
↓	White, et al., Total Synthesis of Epothilone B, Epothilone D and cis-and trans-9, 10-Dehydroepothilone D, <i>J. Am. Chem. Soc.</i> , <b>125</b> : 3190, 2003. ✓		
↓	White, "Total Synthesis of Epothilone B, Epothilone D, and cis- and trans-9,10-Dehydroepothilone D" <i>J. Am. Chem. Soc.</i> , <b>123</b> (23): 5407-5413, 2001. ✓		
✗	White, et al., "Synthetic Approach Towards the Total Synthesis of Epothilone B" <i>Book of Abstracts, 216<sup>th</sup> ACS National Meeting, Boston, August 23-27, ORGN-041</i> ✓		
10	White, et al., "Two Coupling Strategies for a Stereoselective Synthesis of Epothilone B" <i>Book of Abstracts, 219<sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, ORGN-813, 2000.</i> ✓		
↓	White, et al., "A Highly Stereoselective Synthesis of Epothilone B" <i>J. Org. Chem.</i> , <b>64</b> (3): 684-685, 1998. ✓		
↓	White, et al., "Improved Synthesis of Epothilone B Employing Alkylation of an Alkyne for Assembly of Subunits" <i>Org. Lett.</i> , <b>1</b> (9): 1431-1434, 1999. ✓		
↓	Winkler, et al., "A Model for the Taxol (Paclitaxel) Epothilone Pharmacophore", <i>Bioorg., Med. Chem. Letter</i> , <b>6</b> : 2963-2966, 1996. ✓		
↓	Winkler, et al., "Design and Synthesis of Constrained Epothilone Analogs: The Efficient Synthesis of Eleven-Membered Rings by Olefin Metathesis" <i>Tetrahedron</i> , <b>55</b> (27): 8199-8214, 1999. ✓		
↓	Winssinger, et al., "Epothilones and Sarcodictyins: From Combinatorial Libraries to Designed Analogs" <i>Book of Abstracts, 219<sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, ORGN-289, 2000.</i> ✓		
↓	Wittmann, et al., Flavopiridol Down-Regulates Antiapoptotic Proteins and Sensitizes Human Breast Cancer Cells to Epothilone B-induced Apoptosis, <i>Cancer Research</i> , <b>63</b> : 93-99, 2003. ✓		
↓	Wolff, A., "Epothilone A Induces Apoptosis in Neuroblastoma Cells with Multiple Mechanisms of Drug Resistance", <i>Int. J. Oncol.</i> , <b>11</b> (1): 123-126, 1997. ✓		
↓	Woltering, et al., Development of a Novel In Vitro Human Tissue-Based Angiogenesis Assay to Evaluate the Effect of Antiangiogenic Drugs, <i>Annals of Surgery</i> , <b>237</b> : 790-800, 2003. ✓		
↓	Yang, et al., "Total Synthesis of Epothilone A: The Olefin Metathesis Approach: <i>Angew. Chem. Int. Ed.</i> , <b>36</b> : 166-168, 1997. ✓		
↓	Yoshimura, et al., Synthesis and Conformational Analysis of (E)-9, 10-Dehydroepothilone B: A Suggestive Link between the Chemistry and Biology of Epothilones, <i>Angew. Chem. Int. Ed.</i> <b>42</b> : 2518-2521, 2003. ✓		
↓	Zhou, et al., Brominated Derivatives of Noscapine Are Potent Microtubule-Interfering Agents That Perturb Mitosis and Inhibit Cell Proliferation, <i>Molecular Pharmacology</i> , <b>63</b> : 799-807, 2003. ✓		
↓	Zhu, et al., "Methodology Based on Chiral Silanes in the Synthesis of Polypropionate-Derived Natural Products-Total Synthesis of Epothilone A" <i>Eur. J. Org. Chem.</i> , <b>9</b> : 1701-1714, 2001. ✓		
↓	Zhu, et al., "Studies Toward the Total Synthesis of Epothilone A" <i>Book of Abstracts, 216<sup>th</sup></i>		

\* No publication date.

<b>FORM PTO-1449</b>  <b>(REV. 8-83)</b>	U.S. Department of Commerce Patent and Trademark Office	<b>ATTY. DOCKET:</b> 2003080-0082 (SK-744-CON3)	<b>IN RE APPLICATION NO.:</b> 09/874,514
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		<b>APPLICANT:</b> Danishefsky, <i>et al</i>	
		<b>FILING DATE:</b> June 5, 2001	<b>GROUP:</b>
<del>ACS National Meeting, Boston, August 23-27, ORGN-660</del>			
40 ↓	Zhu, et al.. "Enzymatic Resolution of Thiazole-Containing Vinyl Carbinols. Synthesis of the C12-C21 Fragment of the Epothilones" <i>Tetrahedron Lett.</i> , 41(12): 1863-1866, 2000. ✓		
	Zhu, et al.. "Studies Toward the Total Synthesis of Epothilone A" <i>Book of Abstracts</i> , 219 <sup>th</sup> ACS National Meeting, San Francisco, CA, March 26-30, ORGN-060, 2000. ✓		
	Zhu, et al., "Total Synthesis of Epothilone A" <i>Org. Lett.</i> , 2(17): 2575-2578, 2000. ✓		
<b>EXAMINER</b> <i>T. A. Solola</i>	<b>DATE CONSIDERED</b> <i>10/14/03</i>		
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

3605474